

I Claim:

1. An electrical appliance, comprising:

at least one sensor for recording at least one operating parameter of the electrical appliance;

at least one actuator for influencing at least one operating parameter of the electrical appliance;

a communication unit having a transponder for wireless radio transmission and communication at least with an external remote station;

a central computing and control unit for controlling the electrical appliance, said central computing and control unit being electrically coupled to said at least one sensor, to said at least one actuator, and to said communication unit;

a housing, said central computing and control unit, said at least one sensor, said at least one actuator, and said communication unit being disposed at said housing;

an operating unit being detachably connected to said housing;
and

said transponder being coupled with said operating unit, communicating with said operating unit, and transmitting relevant device data with said operating unit while said operating unit is detached from said housing.

2. The appliance according to claim 1, wherein said transponder monitors production control during production of the electrical appliance.

3. The appliance according to claim 1, wherein said transponder communicates with a service station during operation of the electrical appliance.

4. The appliance according to claim 2, wherein:

said transponder communicates with a service station during operation of the electrical appliance; and

said central computing and control unit receives a software update transmitted by the service station during operation of the electrical appliance.

5. The appliance according to claim 3, wherein:

said transponder communicates with a service station during operation of the electrical appliance; and

said central computing and control unit receives a software update transmitted by the service station during operation of the electrical appliance.

6. The appliance according to claim 1, wherein said operating unit has a status display for providing status information to a user.

7. The appliance according to claim 1, wherein said operating unit is a detachable operating and control unit for operation and control of the electrical appliance by a user.

8. In a home automation system, an integrated household electrical appliance, comprising:

at least one sensor for recording at least one operating parameter of the electrical appliance;

at least one actuator for influencing at least one operating parameter of the electrical appliance;

a communication unit having a transponder for wireless radio transmission and communication at least with an external remote station;

a central computing and control unit for controlling the electrical appliance, said central computing and control unit being electrically coupled to said at least one sensor, said at least one actuator, and said communication unit;

a housing, said central computing and control unit, said at least one sensor, said at least one actuator, and said communication unit being disposed at said housing;

an operating unit being detachably connected to said housing;
and

said transponder being coupled with said operating unit, communicating with said operating unit, and transmitting relevant device data with said operating unit while said operating unit is detached from said housing.